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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1-2. (Cancelled)

3. **(Amended)** The A glucagon-like peptide-1 receptor agonist according to the claim 1, wherein having the following structural formula:

when wherein Ar₁ is
$$x_{1}R_{5}$$

wherein each of R_5 is alkyl; and R_6 independently is any one of the following substituent groups: alkyl; substituted alkyl-which contains the substituent groups including halogen, alkoxyl or hydroxyl; C_2 - C_6 alkenyl; C_3 - C_6 cycloalkyl; alkanoyl; substituted alkanoyl which contains the substituent groups including halogen, alkoxyl or hydroxyl; C_2 - C_6 enoyl; C_3 - C_6 cycloalkanoyl; benzoyl; substituted benzoyl which contains optional one, two or three substituent groups including alkoxyl and alkylamino; tert-butoxycarbonyl; thenoyl; adamantane formoxyl; and mandeloyl; and X_1 is O or O or O is O or O in O or O is O or O in O in

wherein
$$Ar_2$$
 is $-\frac{1}{5}$

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wherein R_2 is any one of the following substituent groups: alkanoyl; substituted alkanoyl which contains substituent groups including halogen, alkoxyl or hydroxyl; C_2 - C_6 enoyl; C_3 - C_6 cycloalkanoyl; benzoyl; substituted benzoyl which contains optional one, two or three substituent groups including alkoxyl and alkylamino; tert-butoxycarbonyl; thenoyl; adamantane formoxyl; and mandeloyl; and X_2 is O or O NH;

X is O; and

Y is O

$$X_1R_3$$
 X_2R_4
or Ar_2 is

wherein each of R_3 and R_4 independently is any one of the following substituent groups: alkyl; substituted alkyl which contains substituent groups including halogen, alkoxyl or hydroxyl; C_2 - C_6 alkenyl; C_3 - C_6 cycloalkyl; alkanoyl; substituted alkanoyl which contains the substituent groups including halogen, alkoxyl or hydroxyl; C_2 - C_6 enoyl; C_3 - C_6 cycloalkanoyl; benzoyl; substituted benzoyl which contains optional one, two or three substituent groups including alkoxyl and alkylamino; tert-butoxycarbonyl; thenoyl; adamantane formoxyl; and mandeloyl; and X_1 is O or NH; X_2 is O or NH.

4-8. (Cancelled)

9. **(Amended)** Use of the glucagon-like peptide-1 receptor agonist according to elaim 1 claim 3 in the preparation of as medicaments for treating the carbohydrate metabolism disturbance-related diseases such as including type II diabetes, insensitivity to insulin or obesity, etc.

10. (Cancelled)

11. (Amended) The glucagon-like peptide-1 receptor agonist according to the claim 1 claim 3 having the following structural formula: